

WHAT IS CLAIMED IS:

- 1 1. A print apparatus adapted to provide a spell checking
2 feature, said print apparatus comprising:
3 a print engine for printing a document;
4 a processor connected to said print engine, said print engine
5 controlled by said processor; and
6 a memory device connected to said processor, said spell checking
7 program stored on said memory device, said spell checking program executable
8 by said processor.
- 1 2. The print apparatus of claim 1 wherein said spell checking
2 program comprises instructions that when executed by the processor causes
3 said processor to identify a set of words in said document file that comprise
4 spelling errors by comparing said set of words to words contained in a
5 dictionary database stored on said printer memory.
- 1 3. The print apparatus of claim 2 further comprising a page
2 description language engine, wherein said spell checking program when
3 executed by said processor generates information identifying said set of words
4 and supplies said information to said page description language engine, and
5 wherein said page description language engine causes said print engine to print
6 said document with said set of words marked to indicate misspelling.
- 1 4. The print apparatus of claim 3 wherein said page
2 description language engine is integrated with said spell checking program.
- 1 5. The print apparatus of claim 3 wherein said misspelled
2 words are marked using a format selected from the group consisting of: bolded
3 text, italicized text, colored text, and underlined text.
- 1 6. The print apparatus of claim 2 wherein the apparatus
2 further comprises a dictionary database of correctly spelled words stored in
3 said memory, and wherein said spell checking program when executed by said
4 processor identifies said set of words by comparing all words from said
5 document with words in said dictionary database.

1 7. The print apparatus of claim 1 wherein said spell checking
2 program is for use by a computer communicating with said print apparatus.

1 8. The print apparatus of claim 7 wherein said spell checking
2 program comprises a distributed service to be implemented as an object as
3 specified under one or more of the models from the group consisting of a
4 distributed component object model and a common request broker architecture.

1 9. The print apparatus of claim 7 wherein said processor is
2 for receiving and processing print job files from said computer communicating
3 with the print apparatus, and wherein said processor executes said spell
4 checking program when said print job file has a spell check flag activated.

1 10. The print apparatus of claim 9 wherein the print apparatus
2 further comprises a printer driver program, said printer driver program for
3 causing a dialog with a user, said dialog comprising an option for activating
4 said spell check flag.

1 11. The print apparatus of claim 7 wherein the print apparatus
2 may be connected to said computer over a communications network whereby
3 said computer may be remotely located from the print apparatus.

1 12. The print apparatus of claim 11 wherein said
2 communications network supports internet protocol communications, and
3 wherein said processor is for processing an internet protocol print job file, said
4 job file comprising a spell check flag, said processor executing said spelling
5 check program when said spell check flag is activated.

1 13. The print apparatus of claim 7 wherein said computer is
2 connected to the print apparatus by a wireless communications link.

1 14. A print apparatus for connection to a computer over a
2 network, the print apparatus adapted to provide a spell checking feature, the
3 print apparatus comprising:

4 a print engine for printing a document file;

5 a processor connected to said print engine, said processor for
6 processing a print job file, said print job files having a spell check flag and

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7 having a document file, said processor controlling said print engine;
 8 a memory device connected to said processor, said memory
 9 device for storing a spell checking program, a page display language engine,
 10 and a dictionary database; and

11 wherein said processor is for executing said spell checking
 12 program stored in said memory device when said print job file spell check flag
 13 is activated, said spell checking program when executed operating to identify a
 14 set of misspelled words in said document file by comparing words in said
 15 document file with words from said dictionary database, and instructing said
 16 page display language engine to mark said set of misspelled words in a printed
 17 document.

1 15. A computer program product comprising a computer
 2 readable code stored on a computer readable medium, the computer readable
 3 code when executed causing a printer apparatus to:

4 accept an input print job file;

5 process said print job file with a processor, said processing
 6 comprising executing a spelling check program stored in a printer memory,
 7 said spelling check program for identifying a set of misspelled words in said
 8 print job file.

1 16. The computer program product of claim 15 wherein said
 2 print job file comprises a spell check flag, and wherein said processor executes
 3 said spelling check program in said processing of said print job file when said
 4 spell check flag is activated.

1 17. The computer program product of claim 15 wherein the
 2 printer apparatus is for connection to a computer and wherein said print job file
 3 is generated from said computer.

1 18. The computer program product of claim 17 wherein said
 2 computer is for connection to the printer apparatus over a communications
 3 network that supports internet protocol communications.

1 19. The computer program product of claim 15 wherein said

2 spelling check program when executed identifies said set of misspelled words
3 by comparing said words to a dictionary database stored on said printer
4 apparatus memory.

1 20. The computer program product of claim 15 wherein said
2 spelling check program comprises a model selected from the group consisting
3 of: a distributed component object model and a common request broker
4 architecture.

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